

FEDERAL BUREAU OF INVESTIGATION  
FOI/PA  
DELETED PAGE INFORMATION SHEET  
FOI/PA# 1459096-0

Total Deleted Page(s) = 9

Page 10 ~ b7D; b7E;

Page 94 ~ b7E;

Page 95 ~ b7E;

Page 96 ~ b7E;

Page 97 ~ b7E;

Page 98 ~ b7E;

Page 99 ~ b7E;

Page 100 ~ b7E;

Page 101 ~ b7E;

XXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
X Deleted Page(s) X  
X No Duplication Fee X  
X For this Page X  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

UNITED STATES GOVERNMENT

# Memorandum

TO : Mr. Conrad

DATE: 11-25-64

FROM : W. S. Tavel

SUBJECT: BUREAU SOURCE #3 - URUGUAY

Bufile: 65-54414

Tolson \_\_\_\_\_  
Belmont \_\_\_\_\_  
Mohr \_\_\_\_\_  
DeLoach \_\_\_\_\_  
Casper \_\_\_\_\_  
Callahan \_\_\_\_\_  
Conrad \_\_\_\_\_  
Evans \_\_\_\_\_  
Gale \_\_\_\_\_  
Rosen \_\_\_\_\_  
Sullivan \_\_\_\_\_  
Tavel \_\_\_\_\_  
Trotter \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Holmes \_\_\_\_\_  
Gandy \_\_\_\_\_

The above captioned file is presently maintained in the Special File Room of the Records Branch, Files and Communications Division. You are requested to have the substantive supervisor, responsible for this matter, review the file to determine if it is necessary to continue to maintain the file in the Special File Room, or whether it may be returned to the regular file sequence. The appropriate notation should be made on this memorandum which should be returned to the Filing Unit, Room 1113 IB. This memorandum will be filed in the case file to record the action taken in connection with this review.

(2)

*Continue to maintain this file  
in Special File Room.  
11/25/64  
h.w.n.*

65-54414  
NOT RECORDED

*Continue to maintain in  
Sp. mail room per IWN  
(Memo 11-25-64)*

FEB 9 1965

15 FEB 9 1965

b3  
b7E

UNITED STATES GOVERNMENT

Memorandum

TO : MR. CONRAD

DATE: 5-15-62

FROM : W. S. TAVEL

SUBJECT: BUREAU SOURCE #3 - URUGUAY  
BUFILE 65-54414

Tolson \_\_\_\_\_  
Belmont \_\_\_\_\_  
Mohr \_\_\_\_\_  
Callahan \_\_\_\_\_  
Conrad \_\_\_\_\_  
DeLoach \_\_\_\_\_  
Evans \_\_\_\_\_  
Malone \_\_\_\_\_  
Rosen \_\_\_\_\_  
Sullivan \_\_\_\_\_  
Tavel \_\_\_\_\_  
Trotter \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Holmes \_\_\_\_\_  
Gandy \_\_\_\_\_

The above captioned file is presently maintained in the Special File Room of the Records Branch, Files and Communications Division. You are requested to have the substantive supervisor, responsible for this matter, review the file to determine if it is necessary to continue to maintain the file in the Special File Room, or whether it may be returned to the regular file sequence. The appropriate notation should be made on this memorandum which should be returned to the Filing Unit, Room 1113 IB. This memorandum will be filed in the case file to record the action taken in connection with this review.

See memorandum G. F. Downing to Mr. R. T. Harbo dated 8-15-52, [redacted] for (1) previous authorization to maintain this file in the Special File Room, (2) restrictions on charging out this file and (3) approval required before information contained herein can be disseminated outside the Bureau.

b3  
b7E

LWB: wjs/ses  
(2)

*Continue to maintain this file in Special File Room - 5/31/62*

65-54414-  
NOT RECORDED  
25 MAY 24 1962

65 MAY 31 1962

5.7  
exa

CRYPTANALYSIS-TRANSLATION SECTION  
ADMINISTRATIVE

Attached is a list of diplomatic intercepts presently being maintained in Records Section storage. These intercepts are no longer of any value to the Bureau. Source 3

Uruguay

## RECOMMENDATION:











That the intercepts listed in attachment be destroyed. In the event this recommendation is approved, arrangements will be made by the Cryptanalysis-Translation Section to have this material removed from storage and burned.

Enclosure

1 - Mr. Belmont

80-11-3

[illegible]

1 -   
1 -   
1 -   
1 -   
1 -   
1 -   
1 -   
1 -   
1 -   
1 - 

65-54414-

RLI:sls  
(40)

61 DEC 9 1958

b3  
b7E

100-11-3-1201

COUNTRY

FILE #

PERIOD

--	--	--

Uruguay

65-54414

b3  
b7E

65-54414-

# Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. R. T. Harbo

~~CONFIDENTIAL~~

DATE: October 21, 1949

FROM : C. F. Downing

SUBJECT: ~~Cryptanalysis-Translation Section~~ (U)  
Administrative

Attached is an inventory of material other than intercept which has been placed in dead storage and retained for analytical purposes at some future date. (U)

## RECOMMENDATION:

It is recommended that the following items be transferred to the appropriate administrative files:

Country	File #	Type of Material
[redacted]		Material removed from Laboratory files.
		Material removed from Laboratory files.
		Material removed from Laboratory files.
		Material removed from Laboratory files.

It is further recommended that all other items on the attached list be destroyed provided this action meets with the approval of the Security Division. The latter's attention, however, is invited to [redacted] under [redacted] which pertains to the case entitled [redacted] (U)

MRT:AB  
80-11-3

cc: 80-748

7/27/82  
CLASS. & EXT. BY ~~SP4 C. L. W. / atc~~  
REASON-FCIM II, 1-2.4.2 3  
DATE OF REVIEW 7-27-92

72279  
DECLASSIFIED BY 60267NLS/BCE/TMS  
ON 10/22/98

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
EXCEPT WHERE SHOWN  
OTHERWISE

[65-54414 - ] (U)  
NOT RECORDED  
119 FEB 3 1950

60 FEB 5 - 1950

423279  
CLASSIFIED BY 60267NLS/BCE/TMS  
DECLASSIFIED ON 25X 1/2/99

b3  
b7E  
ORIGINAL FILED IN 66-3256-397

COUNTRY

FILE #

TYPE OF MATERIAL

~~TOP SECRET~~

(S) Analysis record sheets, worksheets and message logs.  
(S) IBM runs, worksheets and message logs.  
(S) IBM runs.  
(S) Message logs.  
(S) Message record sheets.  
(S) Worksheets.  
(S) Worksheets.  
(S) Worksheets.  
(S) IBM runs, worksheets and message logs.  
(S) Material removed from Laboratory files.  
(S) Sample messages and worksheets.

"

"

"

"

"

"

Worksheets.

Sample messages and message record sheets.

Sample messages and worksheets

"

"

"

"

Worksheets and message record sheets

Sample messages, worksheets and message record sheets.

Sample messages

Sample messages and worksheets.

Sample messages and message record sheets.

"

Sample messages

Sample messages, worksheets and message record sheets.

Sample messages and worksheets.

"

"

"

Sample messages, worksheets and message record sheets.

"

"

42327  
DECLASSIFIED BY 60267NLS/BCE/DMS  
ON 10/22/98

7/27/82  
CLASS. & EXT. BY SP4/BJW/rtc  
REASON-FCIM II, 1-2.4.2  
DATE OF REVIEW 7-27-92

ENCLOSURE

~~TOP SECRET~~

[65-54414-5] (u)

b3  
b7E

Memorandum to Mr. Harbo.

~~TOP SECRET~~

COUNTRY

FILE #

TYPE OF MATERIAL

[Redacted Country]

[Redacted File #]

Sample messages and message record sheets  
Sample messages  
Sample messages and worksheets

65-14539  
98

100-349903

IBM runs, worksheets, analysis record sheets and message logs.

[Redacted File #]

Material removed from Laboratory files.  
Worksheets

Material removed from Laboratory files.  
Message record sheets

(U) IBM runs.

(U) IBM cards, IBM runs, worksheets, analysis record sheets and message logs.

(U) Message logs.

(U) Message logs.

(U) IBM cards, worksheets and message logs.  
IBM runs, worksheets and message logs.  
Worksheets

100-352562

[Redacted File #]

(U) Material removed from Laboratory files.  
IBM runs, worksheets, analysis record sheets and message logs.

Uruguay

65-54414

(U) Worksheets and message logs.

[Redacted Country]

[Redacted File #]

(U) IBM runs, worksheets and message logs.

(U) IBM runs, worksheets, analysis record sheets and message logs.

[Redacted File #]

Worksheets and message record sheets.

b3  
b7E

b3  
b7E

(U)

b3  
b7E

~~TOP SECRET~~



## Office Memorandum • UNITED STATES GOVERNMENT

TO : RRR:mkm  
MR. LADD

FROM : S. S. Alden

SUBJECT: URUGUAYAN DIPLOMATIC CODE

DATE: January 6, 1945

The State Department, according to

Mr. Tolson \_\_\_\_\_  
Mr. E. A. Tamm \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Coffey \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Mr. Carson \_\_\_\_\_  
Mr. Hendon \_\_\_\_\_  
Mr. Mumford \_\_\_\_\_  
Mr. Jones \_\_\_\_\_  
Mr. Quinn Tamm \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Beahm \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

RECOMMENDATION:

In view of the fact that this information may be of some value to the Cryptographic Section of the Laboratory, it is suggested that this memorandum be submitted to that section for informational purposes.

b7E

EX-62

88 JAN 16 1945

Copy 5-2-46 rmb

TO : MR. D. M. LADD  
FROM : MR. C. H. CARSON  
SUBJECT: DIPLOMATIC CODES

DATE:  
DECEMBER 27, 1945

b7E

Although interest in decodes of diplomatic messages has declined because of the end of the war and the lack of espionage and related similar information, there is no question as to the value of decoding other nations' diplomatic messages in connection with general intelligence coverage. It is understood that the Bureau's Cryptographic Section has ceased working on various diplomatic coded messages, many of which we had been able to decode during the war period. In spite of the end of the war, the State Department naturally is still greatly interested in any information that can be obtained from diplomatic sources through decodes of messages or other wise, in view of the tense international and local political situations which prevail all over the world, and in view of the numerous international conferences which are being held or contemplated, including Pan American conferences confined to the Western Hemisphere.

Obviously, in connection with our SIS coverage, every means must be exhausted in the Western Hemisphere to obtain all possible information regarding the intentions, plans and moves of other governments. It would appear essential, if we are to obtain a complete coverage in this field, that we endeavor to decode the diplomatic messages of at least some nations. There of course would be times when it would be of outstanding importance to endeavor to secure information from the diplomatic messages such as when a Pan American conference is held or a crisis develops between the United States and a Latin American nation such as now exists with Argentina. Unless continuing attention, however, is given to diplomatic codes which are changed frequently we would not be in a position to decode the messages at a critical time; in other words, continuing attention must be given to cryptanalytic efforts in order to keep abreast of current developments in the field, so that this means of obtaining information may be used when urgently needed.

It would be of outstanding importance if it were possible to obtain decodes of the Russian, Spanish and French Governments on messages sent to their embassies in the Western Hemisphere, because these nations appear to be the chief threat to the United States prestige and influence in Latin America, and are more likely to resort to subversive tactics.

In South America it would appear that we should endeavor to constantly keep up with cryptanalytic developments in the more important nations, which of course are of outstanding interest to the United States Government. The principal nations in this category would be Argentina, which incidentally presents the gravest problem in Western Hemisphere solidarity at present; Brazil, the largest and most powerful of the Latin American nations; and Mexico and Cuba, both of which countries are in proximity to the United States, are large and influential in Latin America, and developments in which are of outstanding interest to us.

Of lesser interest, but of course not without interest at present, are the messages of Peru, Ecuador, Chile, Uruguay, Colombia, and Venezuela, all of which are important because of their size or because of a particular influence

RECORDED

65-54417-2X

MAY 3 1946

52 MAY 23 1946

they exercise. The other countries of Latin America are relatively small and unimportant.

It is believed that the messages transmitted from the foreign offices of the countries enumerated as important in Latin America to the embassies in Washington would be easily obtainable and would be of importance and provide sufficient material for the Cryptanalytic Section to successfully work on codes.

#### RECOMMENDATION

It is recommended that the Cryptanalysis Section of the Laboratory work on the diplomatic messages of the French, Spanish and Russians, which are transmitted to the Latin American countries. It is also recommended that the Laboratory work on at least the messages of the more important countries of Latin America, that is, Argentina, Brazil, Mexico, and Cuba, and that if at all possible this work be extended to other countries in the following order:

- Uruguay
- Chile
- Colomiba
- Venezuela
- Peru
- Ecuador

It is also recommended that the Washington Field Office be instructed to endeavor to make arrangements to obtain copies of the diplomatic messages exchanged between the embassies of these same countries here and their respective foreign offices, in order that they can be worked on by the Cryptanalytic Section.

VPK:mr

~~PERSONAL AND CONFIDENTIAL~~

SAC, Washington

January 7, 1946

John Edgar Hoover, Director, Federal Bureau of Investigation

Diplomatic Code Messages

The Bureau desires that in addition to copies of Spanish, Argentine and Yugoslav Diplomatic messages which you are presently securing through your contacts in the several cable companies, you also make an effort to obtain copies of messages of the following governments: Russia, France, Mexico, Cuba, Brazil, Uruguay, Chile, Colombia, Venezuela, Peru and Ecuador.

(The Security Division by memorandum dated December 27, 1945, under caption "Diplomatic Codes", requested cryptanalysis work in these cases.

*CFD enc*

cc



b7E

PDH:MS

RECORDED

EX-11

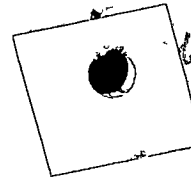
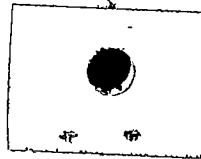
-3

Mr. Tolson \_\_\_\_\_  
Mr. E. A. Tamm \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Coffey \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Carson \_\_\_\_\_  
Mr. Egan \_\_\_\_\_  
Mr. Gurnea \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Quinn Tamm \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

*RS:9*

MAR 14 1946

RECEIVED  
MAIL



*Handwritten notes:*  
March 5, 1946  
b7E

March 5, 1946

MEMORANDUM LABORATORY REPORT

Re: [Redacted]

b7E

Bureau File [Redacted]

The following information concerning the specimens listed hereinafter, in connection with the above-entitled matter, is being set forth as a matter of record.

- Q5 A work report reflecting [Redacted] of the countries of Western Europe and several of South America.
- Q6 A file containing number-code telegraphic messages emanating from [Redacted]
- Q7 A folder marked [Redacted] containing many number-code telegraphic messages. Some are partly in number-code and partly in [Redacted] language. Still others contain [Redacted] words written in longhand above some of the numbers showing the results of someone's decoding efforts.

Specimen Q5 is a work report, apparently compiled in 1927, reflecting progress made in "breaking" codes of various countries during the past three years. The countries whose codes are discussed are: England, Chile, Mexico, Ecuador, Portugal, Colombia, Bolivia, Peru, Uruguay, Brazil, Spain and Argentina.

b7E

Specimen Q6 is a file containing number-code telegraphic messages emanating from Buenos Aires during the period 1923 through 1926. Plain text values have been written in above a few of the groups.

Specimen Q7 is a folder marked [Redacted] containing [Redacted] number-code telegraphic messages sent during the early part of 1924. Plain text values have been written in over many of the groups and some messages appear to be entirely decoded.

Specimens Q5, Q6 and Q7 are attached hereto for inclusion in the Administrative Files and no copies are being retained in the Laboratory.

Attachments 28

- Mr Tolson \_\_\_\_\_
- Mr E. A. Tamm \_\_\_\_\_
- Mr Clegg \_\_\_\_\_
- Mr Coffey \_\_\_\_\_
- Mr Glavin \_\_\_\_\_
- Mr Ladd \_\_\_\_\_
- Mr Nichols \_\_\_\_\_
- Mr Rosen \_\_\_\_\_
- Mr Tracy \_\_\_\_\_
- Mr Mohr \_\_\_\_\_
- Mr Carson \_\_\_\_\_
- Mr Hendon \_\_\_\_\_
- Mr Mumford \_\_\_\_\_
- Mr Jones \_\_\_\_\_
- Mr Quinn Tamm \_\_\_\_\_
- Mr Nease \_\_\_\_\_
- Miss Gandy \_\_\_\_\_

EX-9875-28  
MAR 9 1946

RECORDED  
INITIALS ON ORIGINAL  
58 MAR 25 1946

*Handwritten:*  
FILE 16  
4

No. 10  
Vigilance Diplomatic Code

Lab. File destroyed Date 5-14-46

evidence

*work* ref.

57 JUN 4 - 1946

65-54414  
165-54414-5  
RECORDED  
JUN 28 1946

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

LABORATORY FILE COPY

RECORDED  
1-18-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414

Lab. # CR ~~7719~~-GG

9719

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 1-17-46

ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 Specimen  
1 Examination  
No decode.*

b7E

*Submitted specimen retained in Laboratory and C files.  
encl  
1/18/46*Specimens submitted for examinationQc1 Photostatic copy of a cablegram addr:   
intercepted on December 10, ~~1945~~ 1945.

3-4-46-h

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

LABORATORY FILE COPY

RECORDED

2-4-46

Re: URUGUAYAN DIPLOMATIC CODE

File #65-54414

Lab. #CRS-772-EXGG

9772

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 2-1-46

ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

CME  
2/6/46*2 specimens*  
*2 examinations*  
*No decode 2/6/46*

b7E

*Submitted specimens retained in Lab C + C file.*  
Specimens submitted for examination

CTD

Qc2 Photostatic copy of one radiogram addr:   
intercepted on December 18, 1945.Qc3 Photostatic copy of one radiogram addr:   
intercepted on December 17, 1945.



FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
2-12-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File #65-154414  
Lab. #CR9811-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 2-11-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens  
2 examinations  
No decodes**encl  
2/14/46*

b7E

*Submitted specimens retained in Lab's C-C file.*Specimens submitted for examination*07D ✓*Qc4 Photostatic copy of one radiogram addr:   
intercepted on December 26, 1945.Qc5 Photostatic copy of one radiogram addr:   
intercepted on December 26, 1945.*3-4-46-Lr*

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

LABORATORY FILE COPY

RECORDED

2-13-46

Re: URUGUAYAN DIPLOMATIC CODE

File #65-54414  
Lab. # CR9821GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 2-12-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens  
2 examinations  
No decoder**cm  
2/14/46*

b7E

*Submitted specimens returned in Lab's C & C file.*Specimens submitted for examination*C72*Qc6 Photostatic copy of one radiogram addr:   
intercepted on December 27, 1945.Qc7 Photostatic copy of one message addr:   
intercepted on Dec. 28, 1945.*3-4-46-Pr*

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-8-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9924-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-4-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens  
2 examinations  
No decode**CME  
3/8/46*

b7E

*Submitted specimens retained in C & C file*  
specimens submitted for examination*C7D*Qc12 Photostatic copies of two messages addr:   
intercepted on January 18, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-6-46LABORATORY FILE COPY  
LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9900-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-1-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 Specimen  
1 Examination  
No decode**Cml  
3/7/46**Submitted specimen retained in Lab. C & C file*

b7E

Specimens submitted for examination*C7D*Qc11 Photostatic copy of one message addr:   
intercepted on January 17, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-1-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9880-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 2-28-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 specimen  
1 examination**cme  
3/5/46**No decode**Submitted specimen retained in Labi C & C file.*

b7E

Specimens submitted for examination*C7D*

10  
Q88 Carbon copy of one message addr:   
intercepted on February 27, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

RECORDED 3-1-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File #65-54414  
Lab. # CR9879-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 2-27-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens**2 examinations**No decoded**Submitted specimens retained in Lab's C.C. file.*

b7E

Specimens submitted for examination

C7D

<sup>8</sup>  
QcX Photostatic copy of one message addr:   
intercepted on January 11, 1946.  
<sup>9</sup>  
QcX Photostatic copy of one message addr:   
intercepted on January 14, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-15-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9966-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-13-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 specimen*  
*1 examination*  
*No decode**Cme*  
*3/10/46**Submitted specimen retained in Lat C+C file.* <sup>b7E</sup>  
Specimens submitted for examination*Q7D*Qc13 Photostatic copy of one message addr:   
intercepted on January 29, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

LABORATORY FILE COPY

RECORDED

3-21-46

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414

Lab. # CR10004-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-20-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*3 specimens**3 examinations**No decoder**Submitted specimens retained in Lab C. C. per.*Specimens submitted for examination*Cme*  
*3/21/46*

b7E

*C. C. per.*Qc17 Photostatic copies of two radiograms addr:   
intercepted on February 9 and 12, 1946.Qc18 Photostatic copy of one message addr:   
intercepted on February 13, 1946.



FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-21-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9997-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-19-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*3 specimens*  
*3 examinations*  
*No decoder**Cme*  
*3/21/46*

b7E

*Submitted specimens retained in Lab C-C file*  
Specimens submitted for examination*CJD*Qc15 Photostatic copies of two radiograms addr:   
intercepted on February 7 and 8, 1946.Qc16 Photostatic copy of one message addr:   
intercepted on February 7, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-20-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR9986-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-14-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens**Cme*  
*3/20/46**2 examinations**No decodes*

b7E

*Submitted specimens retained in Lab C+C files*  
Specimens submitted for examination*C7D*Qc14 Photostatic copies of two messages addr:   
intercepted on February 2, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

3-26-46

RECORDED  
3-28-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR10032-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 3-22-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 Specimen  
1 Examination  
No decode**cone  
3/26/46**Submitted specimen retained in Lab C + C file*Specimens submitted for examination

b7E

*(72)*Qc19 Photostatic copy of one message addr:   
intercepted on February 19, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work SheetRECORDED  
3-28-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR10050-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 3-27-46

ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 Specimen**1 Examination**No decode**B line  
3/29/46*

b7E

*Submitted specimen retained in Lab CCC file*  
Specimens submitted for examination*C7D*Qc20 Photostatic copy of one message addr:   
intercepted on March 1, 1946.

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

RECORDED

4-3-46

LABORATORY FILE COPY

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR10075-88 GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercept

Date received: 3-29-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*1 Specimen**Cme**1 Examination**4/3/46**No decode*

b7E

*Submitted Specimens retained in Lat C + C file.*Specimens submitted for examination*C7D*Qc23, Photostatic copy of one message addressed:  
intercepted on March 6, 1946.



FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICELaboratory Work Sheet

LABORATORY FILE COPY

RECORDED  
4-2-46

Re: URUGUAYAN DIPLOMATIC CODE

File # 65-54414  
Lab. # CR10063-GG

Examination requested by: Bureau (WFO)

Date of reference communication: Intercepts

Date received: 3-28-46  
ms

Examination requested: Crypt.

Result of Examination:

Examination by: Lowman

*2 specimens  
2 examinations**Cme  
4/2/46**No decodes**Submitted specimens retained in Lab's C + C file.*

b7E

Specimens submitted for examinationQc21 Photostatic copy of one radiogram addr:   
intercepted on March 2, 1946.Qc22 Photostatic copy of one message addr:   
intercepted on March 2, 1946.*4-16  
JML*

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641

DATE: 6/3/46

FROM : C. F. Downing

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

Attached is Source 3 material originating in the Washington Field Office. It is noted that this material became readable through analysis in the Laboratory.

In addition to the attached, message B2119 of April 24, 1946, transmitted from [redacted] is also readable, but is not being attached since it appears in Bureau file [redacted]

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attachment - 1

CML:EB

65-54414

RECORDED  
EX-37

50 JUN 25 1946



BS #3 - URUGUAYAN

L-51a

b7E

APRIL 23, 1946  
B2116

FROM

TO

30241A

TRANSLATION:

NOTE: UNDERLINED PORTION UNCERTAIN.

65-54414-6

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641 *24*

FROM : C. F. Downing

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: 6/7/46

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Mohr	_____
Mr. Carson	_____
Mr. Hendon	_____
Mr. Mumford	_____
Mr. Jones	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Reference is made to my memorandum of June 3, 1946 reporting two messages in connection with the above matter which became readable through analysis in the Laboratory. In this regard, a considerable portion of the code book has been reconstructed and, therefore, it will be possible to read more and more messages if greater coverage of this traffic is obtained.

A review of the traffic received from the Washington Field office shows that during the last five months' period, only thirty-six messages were received in the Laboratory, although the message numbers indicate that at least fifty-three were sent. The last message received was dated May 1, 1946.

It is suggested that the Security Division may wish to advise the Washington Field office of the above situation in regard to coverage.

CML:FEW  
65-54414

52 JUL 16 1946

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, ROOM 7621

FROM : C. F. DOWNING

SUBJECT: BUREAU SOURCE #3 URUGUAYAN

DATE: July 18, 1946

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attached is Source #3 material originating in the Washington Field Office.

This message was read through the use of a commercial code book, the ABC Telegraphic Code, 6th edition.

It is noted that a plain text message sent from [redacted] advised that Washington had no code to decode this message. A plain text message was then sent from [redacted] followed by a service message stating that the text of the plain language message is the same as that of the coded message.

Although the address differs from that of ordinary diplomatic traffic, this message was sent as a government cable.

The service messages and the plain language message are attached. It is noted that the plain language message differs slightly from the text of the coded message.

Attachments- 4(305357)

CML:DMS  
65-54414

RECORDED  
EX-93

52 JUL 31 1946

BS#3 - URUGUAYAN

June 25, 1946

#305357

FROM

TO

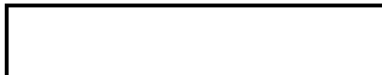
TRANSLATION:

LUX

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

# OUTGOING SERVICE

SVC



#42



b7E

(A) 6/26/46

DQ TO UA

RE OUR MSG FM WIENRADIO 34 26 1715 UNRRA WASHIN DQ 878 SRLNR IS 411  
RPT 411

**MACKAY RADIO & TELEGRAPH COMPANY (Inc.) DELIVERY RECEIPT**

To \_\_\_\_\_

No. \_\_\_\_\_

**MK729/27**

Address

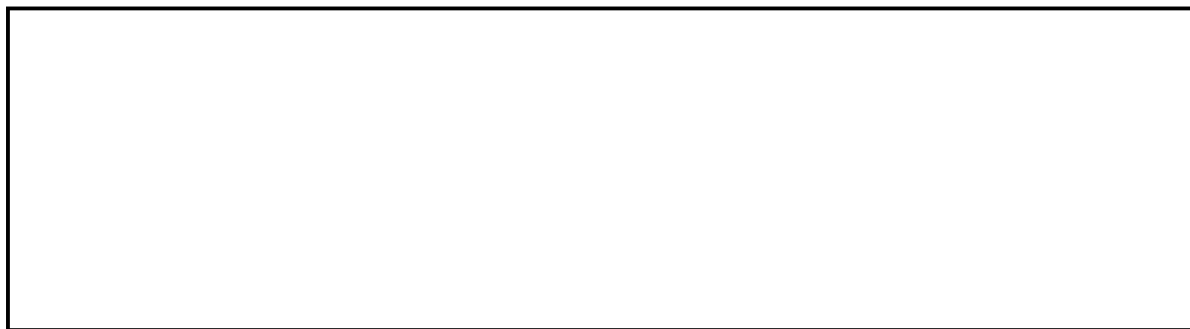
**URUGUAY EMBASSY**

**ROOM 303**

**1025 CONN AVE**

Signature \_\_\_\_\_

**MK729/27**



**LUX**

b7E

# Mackay Radio

SUBSIDIARY OF  
AMERICAN CABLE & RADIO CORPORATION  
Largest American owned international telegraph system providing worldwide service by cable and radio.

Commercial  
Cables



Mackay  
Radio

All America Cables and Radio

TO TELEPHONE A MESSAGE  
OR CALL A MESSENGER  
AND  
FOR CABLE AND RADIO  
INFORMATION  
CALL: ADams 9000

TO OBTAIN OUR FAST AND  
ACCURATE SERVICE SENDER  
MUST MARK MESSAGES

*"Via Mackay Radio"*

8 DUPONT CIRCLE, N.W.  
WASHINGTON, D.C.

THE FOLLOWING MESSAGE WAS RECEIVED

"VIA MACKAY RADIO"

MKA130/5TH

U1

D11

b7E

*James*

*[Signature]*

~~CONFIDENTIAL - SECURITY INFORMATION~~

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641

FROM : C. F. Downing

SUBJECT: BUREAU SOURCE #3 URUGUAYAN

DATE: July 18, 1946

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	
Mr. Egan	
Mr. Gurnea	
Mr. Harbo	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn Tamm	
Tele. Room	
Mr. Nease	
Miss Beahm	
Miss Gandy	

Attached is Source #3 material originating in the Washington Field Office.

These messages were enciphered by means of a system just reconstructed in the Laboratory. The system is composed of digits which are substituted for the letters or digraphs of the message, and further enciphered by the use of additives, as described in the attached sheets.

The Laboratory has on hand five other messages in this system which can be read. These messages were sent between [redacted] between May 6, 1943 and January 29, 1946. Translations are not being furnished at this time in the absence of a request from the Security Division, since the messages are over 90 days old.

The above matter is strictly ~~confidential~~ and care should be taken to protect its source.

Attachments -9 (303600, 303130, 302968, 302812, 302539, 302332)

CML:DMS  
65-54414

RECORDED

EX-52

65-54414-9

58 AUG 22 1946

SIS-18



BUREAU SOURCE #3 - URUGUAYAN

EXPLANATION OF MILITARY ENCIPHERMENT SYSTEM

The messages are enciphered with the attached encipherment table. It is to be noted that some groups of the table represent digraphs and others represent single letters. To this preliminary encipherment, an additive, based on the day of encipherment, is applied. Should the day of encipherment be 10 or over, only the last digit of the number is used in the derivation of the additive. Example: if the message were sent on May 24, CUATRO would be used to obtain the additive. The letters of the word CUATRO would be given the numerical values assigned to them in the encipherment table. The resultant sequence is added to the preliminary encipherment, giving the cipher text which is then transmitted in five digit groups. It is to be noted that one carries over in adding, but only within each two digit group.

Decipherment is the reverse of encipherment.

Example of encipherment:

- plain text
- preliminary cipher equivalents

b7E

Date - May 3:  (indicator placed at beginning of message).

Numerical values substituted for day of encipherment:

- Day of encipherment
- repeated additive

Additives placed beneath preliminary cipher text and addition performed by carrying over within the two-digit groups.

Preliminary C.T.  
Additive  
Final C.T.

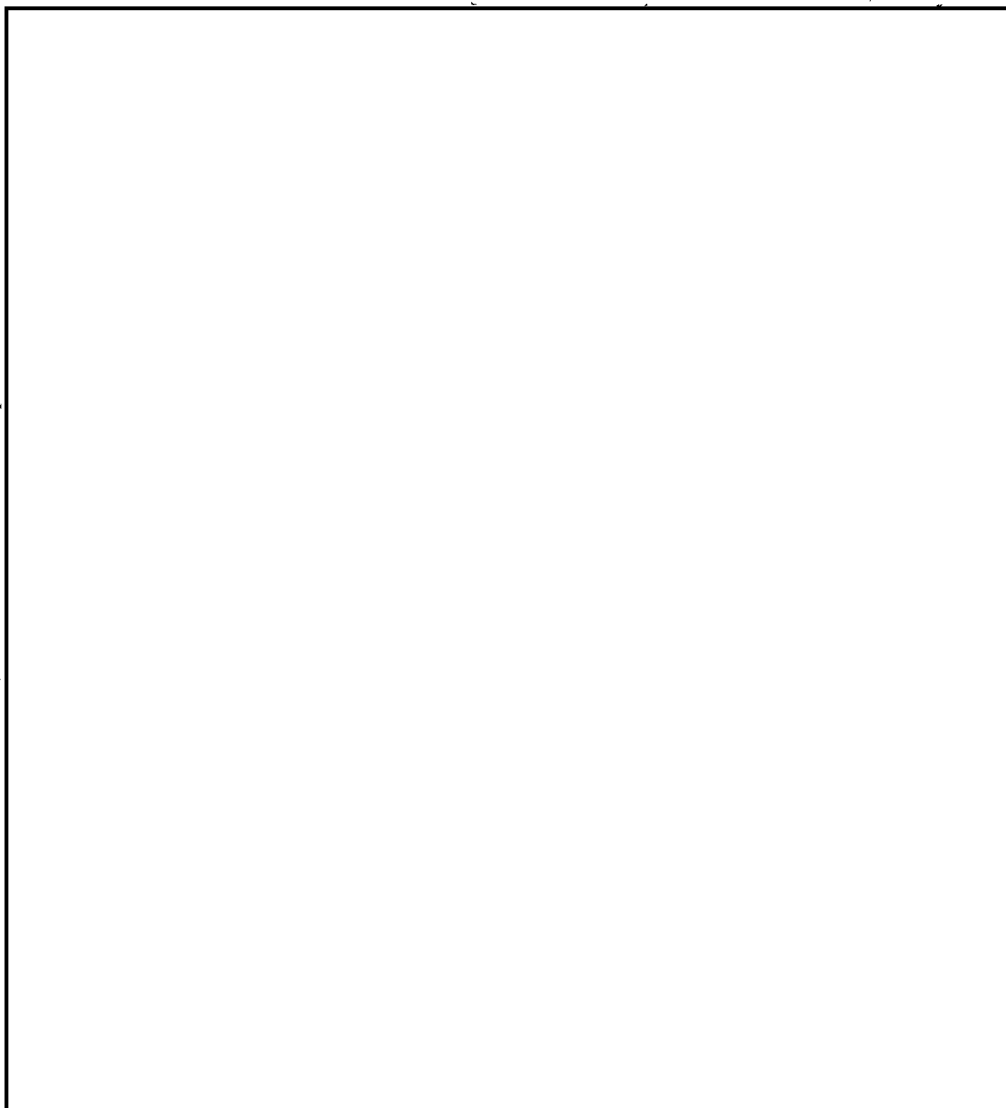
Text as transmitted:

ENCLOSURE

65-444-9

ENCIPHERMENT TABLE

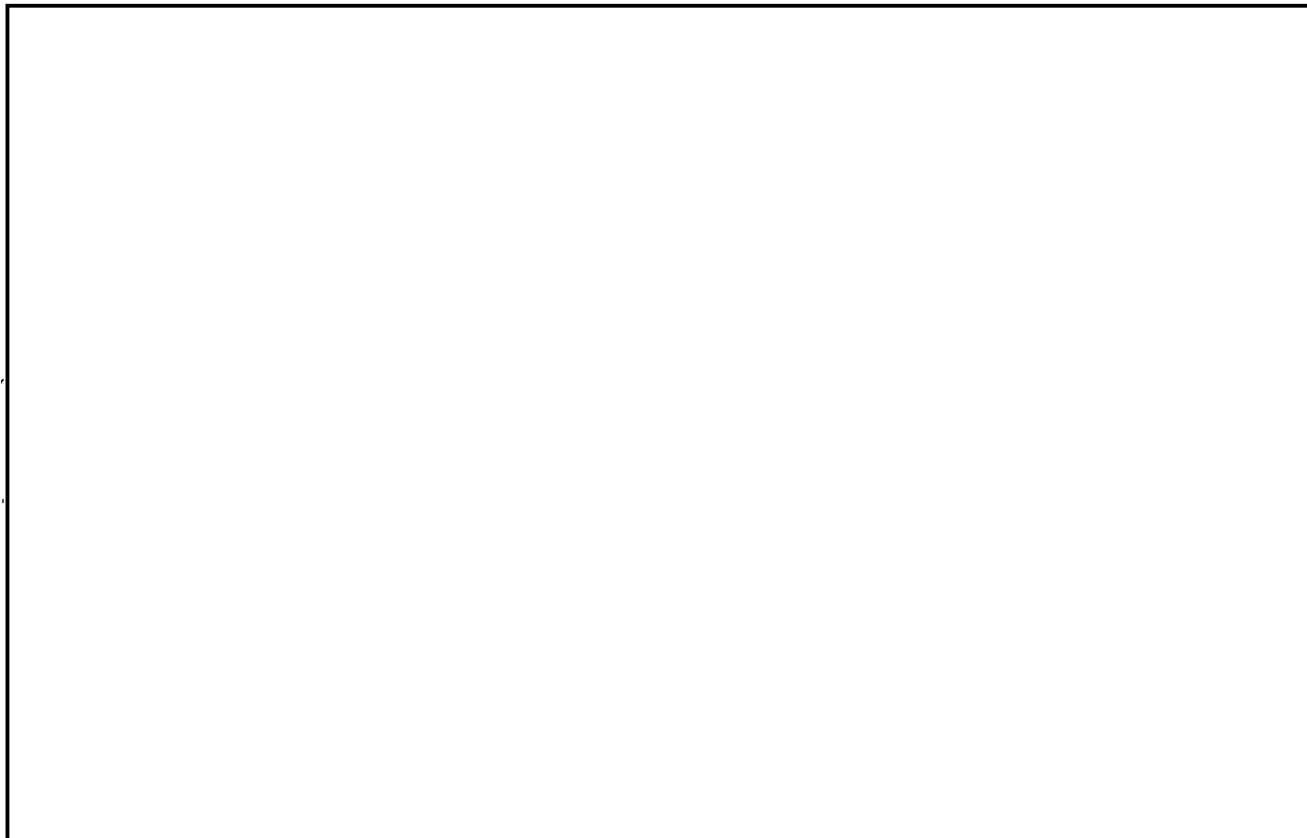
b7E



NOTE: Values for some groups unknown.

65-5444-7

## DECIPHERMENT TABLE



NOTE: Values for some groups unknown.

5-3-4 414 7

BS#3 - URUGUAYAN

May 24, 1946

#303600

FROM

A rectangular box used to redact information from the 'FROM' field.

TO

A rectangular box used to redact information from the 'TO' field.

TRANSLATION:

A large rectangular box used to redact the entire translation section.

NOTE: UNDERLINED PORTIONS UNCERTAIN.

6-7-46

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

BS#3 - URUGUAYAN

L-51a

b7E

May 11, 1946

#303130

FROM

TO

TRANSLATION:

*C. C. [unclear]*

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

BS#3 - URUGUAYAN

L-51a

b7E

May 8, 1946

#302968

FROM

TO

TRANSLATION:

NOTE: UNDERLINED PORTION UNCERTAIN.

100-50111  
If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

BS#3 - URUGUAYAN

L-51a

b7E

May 3, 1946

#302812

FROM

TO

TRANSLATION:

ENCLOSURE

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

BS#3 - URUGUAYAN

b7E

April 26, 1946

#302539

FROM

TO

TRANSLATION:

NOTE: UNDERLINED PORTIONS UNCERTAIN.



BS#3 - URUGUAYAN

L-51a b7E

April 20, 1946

#302332

#4604/06

FROM

TO

TRANSLATION:

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, ROOM 7639

FROM : C. F. DOWNING

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: September 13, 1946

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attached is Source #3 material originating in the Washington Field Office.

This message became readable through analysis in the Laboratory.

There are on hand one active message and three inactive messages which are not being reported since they appear in Bureau File [REDACTED]

b7E

It is to be noted that there are in the Laboratory one message transmitted from [REDACTED] on January 12, 1946, and two transmitted from [REDACTED] on October 21, 1944. Since these messages are over 90 days old, they are not being reported in the absence of a request from the Security Division.

This material is ~~confidential~~ and care should be taken to protect the source.

Attachment - 1 (310003)

CML:DMS *duw*  
65-54414

RECORDED

EX-94

58 SEP 30 1946

BS/#3 - URUGUAYAN

b7E

August 15, 1946

#310003

#B2183

FROM

TO

TRANSLATION:

NOTE: UNDERLINED PORTION UNCERTAIN.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, ROOM 7639

FROM : C. F. DOWNING *cf*

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: 9/27/46

Mr. Tolson \_\_\_\_\_

Mr. E. A. Tamm \_\_\_\_\_

Mr. Clegg \_\_\_\_\_

Mr. Coffey \_\_\_\_\_

Mr. Glavin \_\_\_\_\_

Mr. Ladd \_\_\_\_\_

Mr. Nichols \_\_\_\_\_

Mr. Rosen \_\_\_\_\_

Mr. Tracy \_\_\_\_\_

Mr. Carson \_\_\_\_\_

Mr. Egan \_\_\_\_\_

Mr. Gurnea \_\_\_\_\_

Mr. Hendon \_\_\_\_\_

Mr. Pennington \_\_\_\_\_

Mr. Quinn Tamm \_\_\_\_\_

Tele. Room \_\_\_\_\_

Mr. Nease \_\_\_\_\_

Miss Beahm \_\_\_\_\_

Miss Gandy \_\_\_\_\_

Attached is Source #3 material originating in the Washington Field Office.

This message became readable through reconstruction in the Laboratory.

The Laboratory has on hand three other messages in this system which can be read. These messages were sent from [redacted] between May 21 and June 10, 1946. Translations are not being furnished at this time in the absence of a request from the Security Division, since the messages are over 90 days old.

The above matter is strictly ~~confidential~~ and care should be taken to protect its source.

Attachment - 1 (312059)

CMLDMS  
65-54414

31 OCT 4, 1946

58 NOV 18 1946

BS#3 - URUGUAYAN

September 7, 1946

#312059

#B2208

FROM

TO

TRANSLATION:

NOTE: UNDERLINED WORDS UNCERTAIN.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

ENCLOSURE

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641

DATE: October 2, 1946

FROM : C. F. Downing

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

Attached is Source #3 material originating in the following office: Washington Field.

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	
Mr. Egan	
Mr. Gurnea	
Mr. Harbo	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn Tamm	
Tele. Room	
Mr. Nease	
Miss Beahm	
Miss Gandy	

Attachment - 1 (312345)

65-54414

CML:EB

8/13

NOV-1  
FIVE

EX-5

RECORDED

65-54414-12

EX-5

G/K

1.0

15-  
52 OCT 10 1946

B. S. #3-URUGUAYAN

SEPTEMBER 11, 1946  
#B-1623

#312345

FROM:

TO

TRANSLATION:

NOTE: UNDERLINED PORTIONS UNCERTAIN.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO *PH* Room 7641

DATE: October 14, 1946

FROM : C. F. Downing *CFD*SUBJECT: *0* BUREAU SOURCE #3 - URUGUAYAN

Attached is Source #3 material originating in the following  
office: Washington Field.

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Harbo	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attachment - 1 (313144)

*all*  
CML:DMS  
65-54414

RECORDED

*al*  
65-54414-13  
OCT 16 1946

EX-25

53 OCT 29 1946

J.C.D.



BS#3 - URUGUAYAN

September 20, 1946

#313144

No Number

FROM  
INSPECTOR GENERAL  
OF THE ARMY.TO  
GENERAL MEDINA,  
TRANSLATION:  

NOTE: UNDERLINED PORTIONS UNCERTAIN.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

65 177-2-3

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641 *RH*

FROM : C. F. Downing *UO 45 111*

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: October 29, 1946

Attached is Source #3 material originating in the following office: Washington Field.

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Harbo	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attachment - 1 (313543)

*and*  
CML:DMS *down*  
65-54414

RECORDED

EX-102

EX-102

63 NOV 4 1946

BS#3 - URUGUAYAN

September 26, 1946

#B2222

FROM

TO

TRANSLATION:

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7639 *RA*

FROM : C. F. Downing *CFD*

SUBJECT: BUREAU SOURCE #3 *URGENT* URUGUAYAN

DATE: November 13, 1946

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

Attached is Source #3 material originating in the Washington Field Office.

b7E

The Laboratory has on hand five other messages which are readable. These messages were sent between [redacted] between August 15 and September 25, 1946. Translations are not being furnished at this time since they appear as [redacted]

The above matter is strictly ~~confidential~~ and care should be taken to protect its source.

65-54414-15

RECORDED

Attachment - 1 (315392)

*ent*  
CML:DMS *dms*  
65-54414

57 NOV 26 1946

BS#3 - URUGUAYAN

b7E

October 16, 1946

#315392

No Number

FROM

TO

TRANSLATION:

65-11111-1

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

100-101

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7639

FROM : C. F. Downing

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: December 5, 1946

Mr. Tolson \_\_\_\_\_

Mr. E. A. Tamm \_\_\_\_\_

Mr. Clegg \_\_\_\_\_

Mr. Coffey \_\_\_\_\_

Mr. Glavin \_\_\_\_\_

Mr. Ladd \_\_\_\_\_

Mr. Nichols \_\_\_\_\_ b7E

Mr. Rosen \_\_\_\_\_

Mr. Tracy \_\_\_\_\_

Mr. Carson \_\_\_\_\_

Mr. Egan \_\_\_\_\_

Mr. Gurnea \_\_\_\_\_

Mr. Hendon \_\_\_\_\_

Mr. Pennington \_\_\_\_\_

Mr. Quinn Tamm \_\_\_\_\_

Tele. Room \_\_\_\_\_

Miss Beahm \_\_\_\_\_

Miss Gandy \_\_\_\_\_

Attached is Bureau Source #3 material originating in the Washington Field Office.

The Laboratory has on hand seven other messages in this system which can be read. These messages were sent [redacted] between February 2 and October 12, 1946. Translations are not being furnished at this time in the absence of a request from the Security Division, since four messages appear in Bureau File [redacted] and the other messages are over ninety days old.

Attachment - 1 (312227)

cc-USCICC (Attachment only)

CML:DMS  
65-54414

15-54414-16  
1 DEC 11 1946

DEC 20 1946

## URUGUAYAN

September 10, 1946

#312227

#B1620

FROM

TO

TRANSLATION:

b7E

REFERENCE B2206.

NOTE: UNDERLINED WORD UNCERTAIN.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

# Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO - Room 7639 *RB*

FROM : C. F. DOWNING *Uruguay*

SUBJECT: BUREAU SOURCE #3-URUGUAYAN

DATE: January 16, 1947

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Coffey	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

In connection with the above-captioned matter, it is pointed out that during the month of November, 1946, eight messages transmitted from [ ] and ten from [ ] were made available to the Laboratory by the Washington Field Division. These messages represent 56% of the total number sent between these two points during this period.

The above is being made a matter of record for the information of the Security Division and any action deemed advisable.

*CM*  
CML:EB *EB*

65-54414

RECORDED

65-54414-17  
915-1161

JAN 30 1947



## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7639

FROM : C. F. DOWNING *CFD*

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: March 15, 1947

~~CONFIDENTIAL~~

Attached is Source #3 material originating in the following office: Washington Field. *A*

cc-USCICC (Attachment only)

Attachment - 1 (321004)

*me*  
CEL:EF-108  
65-54414

RECORDED

65-54414-18  
F B I  
31 MAR 18 1947

EX-74

Mr. Tolson  
Mr. E. A. Tamm  
Mr. Clegg  
Mr. Glavin  
Mr. Ladd  
Mr. Nichols  
Mr. Rosen  
Mr. Tracy  
Mr. Carson  
Mr. Egan  
Mr. Gurnea  
Mr. Harbo  
Mr. Hendon  
Mr. Pennington  
Mr. Quinn Tamm  
Tele. Room  
Mr. Nease  
Miss Beahm  
Miss Gandy

MAR 25 1947

7-PAN

L-51a

URUGUAYAN

February 20, 1947  
#2313

321004

FROM:

TO:

[Redacted]

b7E

TRANSLATION:

[Redacted]

65-54414-18

ENCLOSURE

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7641 *RD*

FROM : C. F. Downing *CFD* *Uruguay*

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: February 15, 1947

Attached is Source #3 material originating in the following office: Washington Field.

cc-USCICC (Attachment only)

Attachment - 1 (320061)

65-54414  
CML:EB

FILE

57 FEB 27 1947

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	
Mr. Egan	
Mr. Gurnea	
Mr. Harbo	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn Tamm	
Tele. Room	
Mr. Nease	
Miss Beahm	
Miss Gandy	

65-54414-  
NOT RECORDED

1 FEB 20 1947

7-PR

URUGUAYAN

JANUARY 21, 1947

320061

FROM:

TO:

b7E

TRANSLATION:

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO Room 7639

DATE: April 5, 1947

FROM : C. F. DOWNING

~~CONFIDENTIAL~~SUBJECT: BUREAU SOURCE #3 - URUGUAYAN  
*Uruguay*Attached is Source #3 material originating in the following  
office: Washington Field.

cc-USCICC (Attachment only)

Attachment - 1 (321235)

CFL:EB *EB*  
65-54414

50 APR 23 1947

RECORDED

EX-18

65-54414-19  
IF IB I  
32 APR 16 1947

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	✓
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	<i>Ch</i>
Mr. Egan	
Mr. Gurnea	
Mr. Harbo	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn Tamm	
Tele. Room	
Mr. Nease	
Miss Beahm	
Miss Gandy	

RECORDED

EX-18

URUGUAYAN

March 20, 1947  
#62343 (B2343?)

321235

FROM:

TO:

b7E

TRANSLATION:

NOTE: WORDS IN PARENTHESES INSERTED BY TRANSLATOR.

ENCLOSURE

65-54414-19

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.

## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, Room 7639 *RA*

FROM : C. F. DOWNING *CFD*

SUBJECT: BUREAU SOURCE #3 - URUGUAYAN

DATE: May 21, 1947

CONFIDENTIAL

*DF*

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	
Mr. Egan	
Mr. Gurnea	
Mr. Harbo	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn Tamm	
Tele. Room	
Mr. Nease	
Miss Beahm	
Miss Gandy	

Attached is Source #3 material originating in the following office: **Washington Field.**

*EX-34*

Attachment - 1(322004)  
 CC: USCICC (Attachment only)  
 CML:JCW  
 65-54414

RECORDED

EX-34

MAY 27 1947

*137*  
*on 5/21/47*

URUGUAYAN

April 30, 1947

FROM

TO

# 322004

b7E

#B2359

TRANSLATION:

NOTE: WORDS IN PARENTHESES INSERTED BY TRANSLATOR.

If the intelligence contained in the above message is to be disseminated outside the Bureau, it is suggested that it be suitably paraphrased in order to protect the source of this information.



## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. HARBO, ROOM 7638 *KH*

FROM : C. F. DOWNING *CFD*

SUBJECT: *lc* *in* *1* *Uruguay* BUREAU SOURCE #3 - URUGUAYAN

DATE: June 21, 1947

*ph*

Mr. Tolson	_____
Mr. E. A. Tamm	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Ladd	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Carson	_____
Mr. Egan	_____
Mr. Gurnea	_____
Mr. Harbo	_____
Mr. Hendon	_____
Mr. Pennington	_____
Mr. Quinn Tamm	_____
Tele. Room	_____
Mr. Nease	_____
Miss Beahm	_____
Miss Gandy	_____

*b7E*

In accordance with my memorandum dated June 19, 1947 under the caption, "Cryptanalysis; F. B. I. Allocation", the above-entitled case is being closed in the Laboratory.

Three envelopes containing approximately  covering the period from February 24, 1943 to May 29, 1947, message logs and worksheets on partially reconstructed messages are being transferred to the Records Section for storage on the eighth floor.

The monthly technical summaries and analysis record sheets on this case are attached hereto.

Attachment

CML:DMS *June*  
65-54414

RECORDED

EX-2

*one*

65-54414-21  
15 JUN 28 1947

*5-DR*  
*17-6*

63 JUL 9 1947

23

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
MAY, 1947

CRYPTANALYSIS PERFORMED:

None,

CRYPTANALYSIS CONTEMPLATED:

None.

Christine M. Lowman  
May 29, 1947

ENCLOSURE

65-54414-1

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
April, 1947


CRYPTANALYSIS PERFORMED:

No analysis was performed on this case in the absence of receipt of sufficient traffic.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be used, if a sufficient volume of traffic is received.

Christine M. Lowman  
May 11 1947



MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
MARCH, 1947


CRYPTANALYSIS PERFORMED:

No work was done on this case, in the absence of receipt of sufficient traffic.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be used, if a sufficient volume of traffic is received.

Christine M. Lowman  
March 31, 1947



MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
FEBRUARY, 1947


CRYPTANALYSIS PERFORMED:

No work done on this case, in the absence of receipt of sufficient traffic.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be used, if sufficient traffic is received.

Christine M. Lowman  
2-28-47



MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
JANUARY, 1947

CRYPTANALYSIS PERFORMED:


Four letter code (one part) ----- 20 groups were added to the code book under reconstruction, bringing the total number of groups to 4161.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The same method of attack will be continued, if additional messages are received.

Christine M. Lowman  
2-3-47



MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
DECEMBER, 1946

CRYPTANALYSIS PERFORMED:

Four letter code (one part) ----- 83 groups were added to the code book under reconstruction, bringing the total number of groups to 4141.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The same method of attack will be continued.

Christine M. Lowman  
12-31-46

pan

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
NOVEMBER, 1946

CRYPTANALYSIS PERFORMED:


Four letter code (one part) ----- 276 groups were added to the code book under reconstruction, bringing the total number of groups to 4058.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be continued.

Christine M. Lowman  
11-29-46





MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
OCTOBER, 1946

CRYPTANALYSIS PERFORMED:

Four letter code (one part) --- 143 groups were added to the code book under reconstruction, bringing the total number of groups to 3772.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be continued.

Christine M. Lowman  
10-31-46

pp~

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
SEPTEMBER, 1946

CRYPTANALYSIS PERFORMED:

Four-letter code (one part) --- 346 groups were added to the code book under reconstruction, bringing the total number of groups to 3629.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be continued.

Christine M. Lowman  
9-30-46

PN

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
AUGUST, 1946

CRYPTANALYSIS PERFORMED:

Four-letter code (one part) ---- 332 groups were added to the code book under reconstruction, bringing the total number of groups to 3283.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

CRYPTANALYSIS CONTEMPLATED:

The probable word method of attack will be continued.

Christine M. Lowman  
8-30-46

pp

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE 3 - URUGUAYAN  
FILE 65-54414  
JULY, 1946

CRYPTANALYSIS PERFORMED:

1. 4-letter code (one part) ---- 102 groups were added to the code book under reconstruction, bringing the total number of groups to 2951.

These groups were reconstructed by means of the probable word method. Tentative group values were assigned to the most frequent groups in one message and checked against the same groups in other messages to determine their correctness.

2. Military substitution cipher ---- the encipherment table, consisting of digraphic and single letter values was reconstructed.

One long message, Crypt No. 302539, which was transmitted on April 26, 1946, was used as a basis for the study. A tri-digit frequency count was made and all repetitions marked. The repetitions occurred at intervals of 8 or multiples of 8. When written out in sections of four 2-digit groups each, the first and fourth columns appeared to be similarly enciphered. An additive was used on the second and third lines in an attempt to get them back into the same encipherment as the first and fourth columns. Trying this procedure on the remaining messages, it was discovered that the additive depended on the day of encipherment, which day was given at the beginning of every message in plain text. The message sent on April 26, and preceded by the plain text "Abril veintiseis", was found to have used 00519200 as a repeated additive. The value S was given to cipher 00, E to 51, I to 92. After inserting these values, and those derived from additives based on other days, probable words were guessed, and it was then found that the encipherment table used digraphs as well as single letter values, so that the frequency of vowels was greatly decreased. Copies of the encipherment and decipherment tables have been placed in the C-K file.

CRYPTANALYSIS CONTEMPLATED:

1. 4-letter code (one part) ---- the probable word method of attack
- C

will be continued. Tentative values will be assigned the most frequent groups and these values will be checked against the same groups of other messages.

2. Military substitution cipher ---- any future messages received will be deciphered by means of the encipherment table reconstructed.

Christine M. Lowman  
7-31-46

MONTHLY TECHNICAL SUMMARY  
BUREAU SOURCE #3 - URUGUAYAN  
#65-54414  
JUNE, 1946

CRYPTANALYSIS PERFORMED:

2011 groups were added to the code book under reconstruction, bringing the total number of groups to 2849.

During the month, two messages were reported which had been previously reported as no decodes. These messages became readable using the partially reconstructed code book.

A preliminary study of the seven military messages was made. These messages appear to be a digit cipher but this has not been proved since there is such a limited amount of material with which to work.

CRYPTANALYSIS CONTEMPLATED:

Using the frequency count of messages available, the probable word method of attack will be continued.

When time permits, the military messages will be studied further in an attempt to determine whether or not they are a digit cipher, and if so, to determine if an additive is being used.

Christine M. Lowman  
6-28-46

172

MONTHLY TECHNICAL SUMMARY

~~URUGUAYAN GROUP~~ *Bureau Source #3 - Uruguayan*

65-54414

MAY, 1946

b7E

CRYPTANALYSIS PERFORMED:

With the aid of [redacted] English plain text for messages B1488, B1499, B1501, B1510, B1515 transmitted [redacted] [redacted] and message B2100 [redacted] it was possible to reconstruct 838 groups of the code book used. The code book used is a one-part code with a maximum of 51,948 groups and contains a rather large supplement. 234 groups of the code book proper have been reconstructed, as well as 115 groups in the syllabary, 100 numbers (from 1 to 100), 365 groups giving the days of the year, 13 groups designating places, 8 groups giving proper nouns and 3 punctuation groups.

CRYPTANALYSIS CONTEMPLATED:

The probable word method using frequencies will be continued.

Christine M. Lowman

5-31-46

*CME*

*PA*

MONTHLY TECHNICAL SUMMARY

April, 1946

URUGUAYAN DIPLOMATIC GROUP

File - 65-54414

CRYPTANALYSIS PERFORMED:

The frequency count of groups was studied in order to determine the maximum size of the code book used. From this study, it was noted:

1. each group contains two consonants and two vowels, but in no specific order.
2. all letters except Q and Z have been used as beginning letters of groups.
3. all letters except Q have been used in the second position of the groups.
4. all letters have been used in the third position.
5. all letters except Q were used in the fourth position.

(Inasmuch as the Q is used only once in the third position, this instance may be due to a garble, but there is not enough material on hand to determine whether or not this is the case, so this letter is being included in the computation of the number of code groups.)

The arrangement of the groups and the computation of the number of possible groups is as follows:

- |   |               |                               |
|---|---------------|-------------------------------|
| 1. v-c-v-c = $6 \times 19 \times 6 \times 19$ | = 12,996      | groups                        |
| 2. v-c-c-v = $6 \times 19 \times 20 \times 6$ | = 13,680      | "                             |
| 3. c-v-v-c = $18 \times 6 \times 6 \times 19$ | = 12,312      | "                             |
| 4. c-v-c-v = $18 \times 6 \times 20 \times 6$ | = 12,960      | "                             |
|   | <u>51,948</u> | maximum number of code groups |

Files   and #65-54414 were reviewed in order to find out if a technical surveillance had been placed on the Embassy, but no record was found of such a surveillance.

b7E

On April 25, 1946, this case was assigned a B-C priority by the Security Division.

CRYPTANALYSIS CONTEMPLATED:

The probable word attack will be used when more traffic is available.



MONTHLY TECHNICAL SUMMARY

March, 1946

URUGUAYAN DIPLOMATIC GROUP

File - 65-54414

CRYPTANALYSIS PERFORMED:


The total number of messages now available for analysis is 24, of which 22 are in the same system. Frequency counts have been made of each of these messages and the groups used are being arranged in alphabetical order so that they may be studied in connection with the probable word method of attack.

The first group of each message now gives the message number unenciphered, thus seeming to prove that the first group of messages Qcl, 2, 5, 6, are indicator groups which have been enciphered. These groups are always begun by the letter B and it is noted that the present message numbers are preceded by the letter B.

CRYPTANALYSIS CONTEMPLATED:

When a larger volume of traffic is obtained, the frequency counts will be studied and efforts will be made to guess probable words for the most frequently used groups, and those groups which are found as repeated beginnings of messages. Embassy and Consulate files will be checked to determine if any technical surveillances have been conducted in this case.

C. M. Lowman  
3-29-46



MONTHLY TECHNICAL SUMMARY

February, 1946

URUGUAYAN DIPLOMATIC GROUP

File - 65-54414

CRYPTANALYSIS PERFORMED:

Six additional messages, Qc2 through Qc7, have been received in the Laboratory. Frequency counts of these messages reveal many four-letter repetitions identical with those of message Qc1 as well as those of messages transmitted from [ ] and from [ ]. A frequency count of the groups of all these messages has been made, and it is noted that all the letters of the alphabet except Q and Z are used for beginning letters of the groups. These groups always contain two vowels and two consonants, although the order is not always constant. Having reviewed some of the plain text messages which are available to the Laboratory, and noting the numbering of these messages, it is believed that the first group of the present traffic is an indicator group indicating the message number. The present volume of traffic is still too small to determine if this assumption is correct.


b7E

The four-letter code books available to the Laboratory have been used to see if any of these messages are decodable, but this attempt has met with negative results.

CRYPTANALYSIS CONTEMPLATED:

As additional messages are received, they will be studied and an effort will be made to determine what type of code book is being used.

Christine M. Lowman  
2-28-46



MONTHLY TECHNICAL SUMMARY

January, 1946

URUGUAYAN DIPLOMATIC GROUP

File - 65-54414

CRYPTANALYSIS PERFORMED:

One message, Qcl, has been received since this case was re-opened. The message is transmitted in five-letter groups. A trilateral frequency count was made and all the repetitions marked. It was noted that all the repetitions occur in four-letter groups, and it is believed that a four letter code is being used, although the traffic is transmitted in groups of five letters. Qcl was compared with six messages sent from [redacted] during the period from October 20, 1944 to June 9, 1945 and four messages sent from [redacted] during the period from October 31, 1944 to June 12, 1945. Trilateral frequency counts of these messages revealed repetitions of four letters, such as were found in message Qcl. Inasmuch as repetitions are noted between message Qcl and these messages just mentioned, it is possible that the same encipherment system is being used. In some of these messages one or two five letter groups precede the message proper and these are believed to represent indicator groups. The function of these groups is undetermined as yet.

For background information, a preliminary study has been made of traffic transmitted during 1943. These messages are made up of plain text, variable length digit groups and what appear to be four-letter code words. Repetitions of the supposedly four-letter code words are very numerous and also many repetitions are found in the digit groups.

b7E

CRYPTANALYSIS CONTEMPLATED:

The four letter groups of message Qcl and of those messages sent between [redacted] will be searched through the code books available to the Laboratory in an effort to determine if any of the books on hand have been used for enciphering these messages.

An effort will be made to determine if the traffic sent during 1943 may be the same type of traffic but transmitted in a different manner.

PP

Christine M. Lowman  
1-31-46